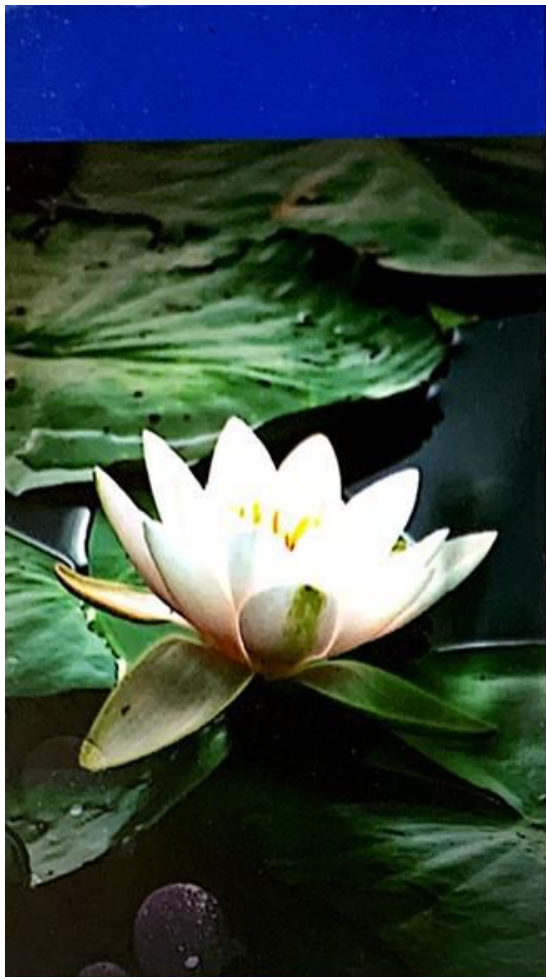




**Panse Consulting**  
Engineers Pvt. Ltd. ( Environment Consultants )

*Treat Water, Treat Life...*





**Panse Consulting**  
Engineers Pvt. Ltd. (Environment Consultants)

## Water and Waste Water Treatment is *Our identity!*

Panse Consulting Engineers Pvt. Ltd. is an Indian owned engineering company specialising in the fields of water and wastewater treatment, embracing environmental and chemical engineering applications.

Panse Consulting has developed a strong reputation for technical development in the water and wastewater industry by pioneering and developing systems, methods and equipment designs relating to more efficient procedures and practices being implemented through projects in India and abroad.

We provide state-of-the-art equipment for municipal and industrial water and wastewater treatment. The main focus is liquid/solid separation in general and headwork's equipment in particular. The company is based in Pune and has strong management with combined 18 years' experience in engineering field. Our range of the water treatment plant are manufactured as per the latest technologies and in varied specification.



## *Services* we offer

- Manufacturing of ETP/STP/WTP equipment's
- Turnkey projects in STP/ETP/WTP
- Environmental engineering services
- Consent work
- Operation and maintenance services
- Environmental audits
- Solid waste management
- Feasibility
- Rainwater harvesting
- Swimming pool filters
- Ultra filtration

## Our *Products*

- Package STP/Package ETP /Package WTP
- Biogas plant - For Industrial effluents  
/ Sewage / Gobargas plant
- R.O. system
- Air Holding Equipments :  
Scrubbers / Ducts / Stacks .





## *Packaged* STP

Our company offers complete solution for Sewage Water Treatment Plants and Recycle. The Sewage from the residential and commercial buildings is treated for reduction in BOD, COD & TSS in order to comply with the pollution control board standards or disposal, gardening.

The sewage treatment plants are based on the Latest MBBR treatment followed by clarification by a tube settler. The clarified water is then further filtered in Sand Filter and Activated Carbon Filter for removal of organics. The filtered water from ACF is then chlorinated & stored in the treated water tank.

These sewage treatment plants are available in RCC constructed designs for commercial and residential buildings as well as Mild Steel FRP Lined and Fiber constructed tanks for easy installation and commissioning.

Package Sewage treatment systems are available from 10 M3 per day to 200 M3/day and more...Water thus obtained can be used for gardening, flushing, car washing, etc. etc.



# Packaged ETP

Panse Consultants offers a various range of Effluent Treatment Plants for recycling of wastewater to reduce water demand. The comprehensive treatment solution works at various levels and involves various physical, chemical, biological and membrane processes. We also provide effluent treatment solutions for various types of industrial waste water.

These systems include physico-chemical treatment, biological treatment, tertiary treatment and membrane separation process to achieve the zero-discharge standards laid by statutory authority. We provide innovative and economical systems for waste from industries like chemicals, drugs, pharmaceutical, refineries, dairy, automobiles & textile ,food etc.



## PROCESS

### Overview

- Screening/ Grit chamber: To remove floatable matter and sand, grit, stones in raw effluent.
- Oil & grease trap: To remove floatable oil and grease from raw effluent.
- Primary treatment: Includes chemical treatment (coagulation, flocculation, neutralization) and solid-liquid separation for removal of suspended solids.
- **Secondary Treatment** : Includes biological treatment for reduction of BOD/COD and solid-liquid separation. Biological treatment can be aerobic or anaerobic depends on quality of raw effluent. Aerobic- ASP (Activated Sludge Process), MBBR/FAB (Moving Bed Bioreactor/ Fluidized Aerated Bioreactor)
- **Tertiary Treatment** : Sand and carbon filtration for removal of suspended solids and organic material.
- **Advanced Technology** : Ozonation







## Air Pollution

# *Control Systems*

We supply a wide range of air pollution control equipments system stack monitoring. All the products are manufactured according to the quality standards. Again, these systems are available in standard specifications as well as we can customize them according to the needs and specifications of the clients. We are providing a wide range of air pollution control system which includes cyclone dust collectors, multi cyclone dust collectors, bag fillers and wet scrubbers, air scrubbers.etc.

## *Turnkey* projects

We render to turnkey projects pertaining to engineering, fabrication, erection, commissioning of wastewater treatment plants. The solutions are developed according to the pollution control guidelines enforced for commercial and industrial establishments. The systems are manufactured using stainless steel, mild steel and FRP, in accordance with quality standards.

## *Reverse Osmosis* System

The Reverse Osmosis process uses a semi-permeable membrane to separate and remove dissolved solids, organics, pyroxene, submicron colloidal matter, viruses, and bacteria from water. The process is called "reverse" osmosis since it requires pressure to force pur water across a membrane, leaving the impurities behind. Reverse Osmosis is capable of removing 95%-99% of the total dissolved solids (TDS) and 99% of all bacteria, thus providing safe, pure water.



*We Provide*  
the systems below

- Commercial reverse osmosis
- Ultraviolet sterilizer
- Ultra fine filtration
- Reverse osmosis module

**Our**  
*Unique features*

- Quality confirmed products
- Competitive pricing
- Wide distribution network
- Easy payment options
- Strong Workforce





# Our Prestigious Clientele



**Panse Consulting  
Engineers Pvt. Ltd.**  
( Environment Consultants )

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*water abt treatment  
monitored  
on*